

Amendments to the Specification:

Please replace the paragraph beginning at page 7, line 18, with the following amended paragraph:

Fig. 11A depicts the charge separation of A β (15-23) in α -helical and β -strand conformations. The ~~upper panel figure~~ shows the A β (15-23) region in helical conformation, symbolized by the cylinder. The charged side-chains Lys16, Glu22 and Asp23 are shown. ~~In the lower panel, the A β (15-23) region is modeled in β -strand/extended conformation, indicated by the wavy strand. The charged side chains are shown. For the helical conformation, the distances between the ϵ -amino group of Lys16 and the γ -carboxyl group of Glu22 and the β -carboxyl group of Asp23 are shown, and for the extended conformation the Lys16-Glu22 distance is indicated.~~

Please add the following new paragraph after the paragraph ending at page 7, line 25:

Fig. 11B depicts the charge separation of A β (15-23) in α -helical and β -strand conformations. The A β (15-23) region is modeled in β -strand/extended conformation, indicated by the wavy strand. The charged side-chains are shown. For the helical conformation, the distances between the ϵ -amino group of Lys16 and the γ -carboxyl group of Glu22 and the β -carboxyl group of Asp23 are shown, and for the extended conformation the Lys16-Glu22 distance is indicated.